

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier listings and all earlier versions.

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1. (Currently Amended) A remote control apparatus comprising:

request means for requesting, from a device to be controlled, ~~an operation procedure~~ a control program for that device;

reception means for receiving the ~~operation procedure~~ control program from the device to be controlled;

execution means for executing the received control program; and

transmission means for transmitting ~~an operation~~ a control command to the device ~~based on~~ so as to control the device during an execution of the received operation procedure control program by said execution means.

2-10. (Cancelled)

11. (Currently Amended) A remote control apparatus according to claim 1, wherein said reception means and transmission ~~control~~ means are employed to perform bidirectional communication with said the device that is to be controlled.

12. (Currently Amended) A remote control apparatus according to claim 11, whercin said reception means and said transmission ~~control~~ means are capable of using a plurality of communication routes.

13. (Currently Amended) A remote control apparatus according to claim 11, further comprising selection means for selecting a specific communication route from among said the plurality of communication routes.

14. (Currently Amended) A remote control apparatus according to claim 11, further comprising selection means for selecting a second communication route while a first communication route is currently selected from among said the plurality of communication routes.

15. (Currently Amended) A remote control apparatus according to claim 11, wherein said the plurality of communication routes are all to be employed at the same time.

16. (Currently Amended) A remote control apparatus according to claim 1, further comprising storage means for storing a history of operations performed according to said operating procedures the control program.

17. (Currently Amended) A remote control apparatus according to claim 1, wherein said operating procedures the control program is transmitted to a device other than said the device that is to be controlled, and is transmitted through said the other device to said the device to be controlled.

18. (Currently Amended) A remote control apparatus according to claim 1, wherein said operating procedures the control program is transmitted to a first device that

is to be controlled, and is transmitted to a second device that is to be controlled through ~~said~~  
the first device that is to be controlled.

19. (Currently Amended) A remote control apparatus according to claim 1, wherein the status of ~~said~~ the device that is to be controlled is received by said reception means and ~~said operating procedures are~~ the control program is changed according to ~~said the~~ status.

20. (Currently Amended) A remote control system comprising:  
identification means for identifying a device to be controlled by a remote control apparatus; and  
transmission control means for transmitting to the remote control apparatus ~~an operation procedure for~~ from a device that is identified, a control program for the device.

wherein said remote control apparatus executes the control program that is received and transmits an operating a control command to said device ~~based on so as to control the device during an execution of the operation procedure that is received~~ control program.

21-23. (Cancelled)

24. (Original) A remote control system according to claim 20, wherein said identification means detects a position of said remote control apparatus, and employs said

position and positions of a plurality of devices that are to be controlled by said remote control apparatus to identify a device that is to be controlled.

25. (Original) A remote control system according to claim 20, wherein said identification means is provided for each of devices that are to be controlled by said remote control apparatus.

26. (Currently Amended) A remote control system according to claim 20, wherein said identification means identifies an operator of said remote control apparatus, and designates operating procedures in consonance with said the identity of said the operator.

27. (Currently Amended) A remote control system according to claim 20 comprising:

identification means for identifying a device to be controlled by a remote control apparatus; and

transmission control means for transmitting to the remote control apparatus an operation procedure for a device that is identified,

wherein said remote control apparatus transmits an operating command to said device based on the operation procedure that is received,

wherein said identification means identifies a skill level of an operator of said remote control apparatus, and, in consonance with said the skill level of said the operator, designates functions that are to be included in operating procedures.

28. (Original) A remote control system according to claim 20, wherein each individual device that is to be controlled by said remote control apparatus includes storage means for storing a history of operations performed by said device.

29. (Previously Presented) A remote control system according to claim 28, where said device that is to be controlled is operated by referring to said history of said operations performed by said device that is stored in said storage means.

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Cont.  
30. (Original) A remote control system according to claim 20, further comprising storage means for storing a history of operations performed by each individual device that is to be controlled by said remote control apparatus.

31. (Original) A remote control system according to claim 30, wherein said devices that are to be controlled are operated by referring to said histories of said operations performed by said devices stored in said storage means.

32. - 174. (Cancelled)

175. (New) A remote control system according to claim 20, wherein said identification means identifies a skill level of an operator of said remote control apparatus, and, in consonance with the skill level of the operator, designates functions that are to be included in operating procedures.

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